

ABSTRACT

1 Computer operations whose execution would increase usage costs may require use
2 of authorization and notification plug-ins to prevent unauthorized execution. The
3 command may be designed to only execute properly if the authorization and notification
4 plug-ins are properly registered. The computer system customer designs the authorization
5 and notification plug-ins based on standard application programming interfaces to suit the
6 customer's business practices and links them to the computer operation. The computer
7 operation executes the authorization plug-in to determine if the proper authorization plug-
8 in parameters have been specified and verify that the command is authorized. If
9 authorization is granted, the computer operation checks to see that the notification plug-in
10 is given the correct parameters, executes the computer operation, and then executes the
11 notification module to notify the necessary personnel. Both authorization and notification
12 plug-ins return errors that are passed to the user through the computer operation.